

Claims

1. Hydro damper for attenuation of pressure oscillations and/or acoustic oscillations in systems which are operated by means of pressurized fluids, of the type comprising:
 - a damper housing (1) with a leading dimension which defines the longitudinal axis of the housing;
 - a connecting block (5) for fluidic connection of the damper housing (1) to the pertinent system, and
 - a linking means (7) which is assigned to the connecting block (5) for mounting of the connecting block (5) and thus of the damper housing (1) on the system in selectable rotary positions, relative to the connecting axis (41) which runs transversely to the longitudinal axis (3) of the housing.
2. Hydraulic damper as claimed in claim 1, wherein the connecting axis (41) to the longitudinal axis (3) of the housing runs at least approximately at a right angle.
3. Hydraulic damper as claimed in claim 1 or 2, wherein the linking means has a pump connecting piece (7) which forms the fluidic connection between the connecting block (5) and a hydraulic pump and which can be fixed at the output (43) of the hydraulic pump in selectable rotary positions relative to the connecting axis (41).
4. Hydraulic damper as claimed in claim 3, wherein the pump connecting piece (7) has an annular body which can be attached to the output (43) of the pump with a ring of holes (39) which is located along its periphery, of these holes, those which correspond to the desired

rotary positions of the connecting block (5) relative to the connecting axis (41) can be selected for the engagement of mounting screws which are provided on the connecting block (5).

5. Hydraulic damper as claimed in claim 3, wherein the pump connecting piece (7) is designed for mounting on the output (43) of the pump, which output has connecting parts for forming an SAE standard flange connection, and wherein the pump connecting piece (7) has a round end flange (47) which in the selected rotary position can be fixed relative to the connecting axis (41) by means of half ring-like SAE flange clamping jaws (49) which can be screwed to the SAE connecting parts of the output (43) of the pump.
6. Hydraulic damper as claimed in any of claims 1 to 5, wherein the connecting block (5) has an inner chamber (33) with an outflow opening which extends concentrically to the longitudinal axis (3) of the housing and which is connected to the input (11) of the damper housing (1), and wherein as the pump connecting piece (7) there is a circular cylindrical hollow body which extends concentrically to the connecting axis (41) and perpendicular to the longitudinal axis (3) of the housing into the chamber (33) of the connecting block (5) and which is used as a fluid feed pipe and has a wall penetration (45) which is concentric to the longitudinal axis (3) of the housing for fluidic connection to the inner chamber (33) of the connecting block (5).
7. Hydraulic damper as claimed in claim 6, wherein the damper housing (1) contains a fluid silencer (9) of the reflection type through which the pressurized fluid which is to be damped may flow.
8. Hydraulic damper as claimed in claim 7, wherein the inner chamber (33) of the connecting block (5) which is connected to the input (11) of the fluid silencer (9) is provided as the pre-chamber of the fluid silencer (9).